

Reverse Osmosis R14 Series

Top quality, fully assembled RO systems

Five models for flow rates to 10,800 US GPD.

Standard features (package #1)

- Powder coated steel frame
- FRP side-port pressure vessels
- Pre-filter housing and cartridge (20" Full-Flow)
- Vertical heavy-duty multi-stage centrifugal pump
- Automatic inlet valve
- Low-pressure shut-off with automatic restart
- Tank level input
- Pretreatment interlock input
- Adjustable recycle line
- Pre-filter pressure gauges
- Pump discharge pressure gauge (liquid filled)
- Reject pressure gauge (liquid filled)
- Flow meter for product water
- Flow meter for reject water
- Flow meter for recycle water
- Check valve for product water
- On / off switch

Additional features included with package #2

- CI-1000 electronic controller with product water conductivity meter and alarm output
- Programmable concentrate auto flush



R14-06-1131100 System

Specifications

Feed water connection	1" FNPT
Product water connection	3/4" FNPT
Reject water connection	3/4" FNPT
Feed water pressure requirement (min.)	10 PSIG
Drain requirement (maximum)	15 GPM
Electrical requirement	230VAC/60hz
Phase	3
Amps	15

Note: Other voltages available, please contact us for details.

Models

MODEL NO.	PKG.	GPD	PUMP (H.P.)	RECOVERY (ADJ.)	MEMBRANE SIZE	MEMBRANES	FEED WATER REQUIRED* (GPM)	TYPICAL REJECTION	DIMENSIONS	SHIP WT. (LBS.)
R14-02-1111000	1	3600	5/TEFC	25%-75%	4" x 40"	2	5	98%	60"x18"x56"	400
R14-02-1131100	2	3600	5/TEFC	25%-75%	4" x 40"	2	5	98%	60"x18"x56"	400
R14-03-1111000	1	5400	5/TEFC	36%-75%	4" x 40"	3	7.5	98%	60"x18"x56"	500
R14-03-1131100	2	5400	5/TEFC	36%-75%	4" x 40"	3	7.5	98%	60"x18"x56"	500
R14-04-1111000	1	7200	5/TEFC	42%-75%	4" x 40"	4	10	98%	60"x18"x56"	600
R14-04-1131100	2	7200	5/TEFC	42%-75%	4" x 40"	4	10	98%	60"x18"x56"	600
R14-05-1111000	1	9000	5/TEFC	46%-75%	4" x 40"	5	12.5	98%	60"x18"x56"	700
R14-05-1131100	2	9000	5/TEFC	46%-75%	4" x 40"	5	12.5	98%	60"x18"x56"	700
R14-06-1111000	1	10800	5/TEFC	50%-75%	4" x 40"	6	15	98%	60"x18"x56"	800
R14-06-1131100	2	10800	5/TEFC	50%-75%	4" x 40"	6	5	98%	60"x18"x56"	800

Notes: Performance specifications are based on 77°F feed water, 3 SDI or less, TDS below 1000 and pH of 8. Please see water temperature conversion charts to determine actual production rate for each installation. Chlorine reduction and other pretreatment may be required. Membrane rejection rates are based on membrane manufacturer's specifications. Pre-filter is Watts WPC5FF20 synthetic pleated cartridge. Systems are designed for use with municipal and well water.